

19990820.ba v02_n640.bam.990820 v02_n641.bam.990820

>From ???@??? Fri Aug 20 16:03:54 1999
Message-Id: <199908201630.d7KGUTA12324@sco.theporch.com>
Date: Fri, 20 Aug 1999 11:29:52 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2640

BOATANCHORS Digest 2640

Topics covered in this issue include:

- 1) Re: AN/URM-32A
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 2) HRO Sr. "Winter Project" Available
by David Stinson <arc5@ix.netcom.com>
- 3) Re: [BoatAnchors] Crystals
by Dick Dillman <ddillman@igc.apc.org>
- 4) CW Crystals
by "Larry Kayser" <kayser@king.igs.net>
- 5) The Little QRPer
by "Joe Spencer" <KK5NA@quadj.com>
- 6) "Moving Sale" part 2....
by "Sandy W5TVW" <ebjr@worldnet.att.net>
- 7) GN quest
by William Donzelli <aw288@osfn.org>
- 8) Wanted Address of a Tom in TN?
by "Dan 'Hank' Arney" <kn6di@groupone.net>
- 9) NC-46 info/value ?
by Nick England <nick@cs.unc.edu>
- 10) CW-38412
by William Donzelli <aw288@osfn.org>
- 11) 8008 rectifier tubes
by drbob@ncci.net
- 12) Zenith Trans Oceanic Portable adios
by "Miller, David M. Jr. (CP52A)" <DMMiller@SDGE.com>
- 13) Wanted Tektronix Manuals: 564B, 2A63, 3B3, 3T2, 3S1
by Jack Harper <jharper@bsi2000.com>
- 14) "Moving Sale"....Part 3
by "Sandy W5TVW" <ebjr@worldnet.att.net>
- 15) MYSTERY METAL COATING
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 16) C.E. 200V
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 17) Re: MYSTERY METAL COATING
by agemi <agemi@stc.net>
- 18) RE: MYSTERY METAL COATING

- by "Katz, Gene S" <gene.s.katz@lmco.com>
- 19) Re: 8008 rectifier tubes
by luc dugas <collins2@globetrotter.net>
- 20) Sparton 1X(Canada)
by Andre Guibert <aguibert@sympatico.ca>
- 21) SX28/matching speaker/manual
by drbob@ncci.net
- 22) The Secure Server at theporch.com
by listown@jackatak.theporch.com (List Admin/Owner Radio Mail Lists)
- 23) MYSTERY METAL COATING - Cadmium
by Lenox Carruth <carruth@geo-thermal.com>
- 24) 6400vct 500mA ccs plate xmfr FS
by zeitler@ibm.net
- 25) Reviving a Drake "B" Line
by David Stinson <arc5@ix.netcom.com>
- 26) Cadmium
by "Ray A. Allen, Sr." <w2kbr@pcbank.net>

Date: Wed, 18 Aug 1999 18:33:43 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: Re: AN/URM-32A
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199908181833_MC2-818B-8991@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Sam & Group,

I don't have any experience with the freq meter itself, but the AN/URM-32=

had an AC supply, PP-1243/U. Fair used to have them and I bought two for=
a
project that they turned out to be too wide for. Don't know whether they=
work or not (think Fair described them as Used-repairable) but if
interested, they are available.

73,
Robert Downs
WA5CAB
Houston

>mcintos@basf-corp.com wrote:
Well, an AN/URM-32A followed me home today. Still gotta explain that one=

to =

the XYL, somehow. It's in really good shape, and it has the manual. =

However, =

the manual doesn't seem to contain any reference to the power connxns. I=s
this

"Frequency Meter" worth adapting to AC power?

<

Message-ID: <37BB3D50.EA071E62@ix.netcom.com>
Date: Wed, 18 Aug 1999 18:10:08 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HRO Sr. "Winter Project" Available
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HRO for Trade:

I have a 6-volt filament HRO Sr., Serial number 6X,
with three of the four coils (14.4-30 MC missing).
It needs to move in with someone who wants a good winter project.
Kinda sad right now- will need new paint and a good cleaning-
but can be brought back to life without concrete fill or welding ;-).

I'm interested in WW-II aircraft and ground infantry portable
radios and accessories. If you have an "ARC-5" type command
set or some accessories that are marked both
"Aircraft Radio Crop" AND "Signal Corps U.S. Army,"
that would be an instant "yes." I have multiples of all
the more common sets. Other trades negotiable.

TNX ES 73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Date: Wed, 18 Aug 1999 16:25:45 -0700 (PDT)
Message-Id: <2.2.16.19990818161100.457f4396@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>

Subject: Re: [BoatAnchors] Crystals
Cc: boatanchors@theporch.com

At 02:42 PM 8/18/99 -0400, Yves Dussault wrote:

>I would like to know where I can buy crystals that will fit my Ranger
>II.

JAN Crystals in Florida gives excellent service and will provide FT-243
equivalent crystals in the "tin can" housing. Dial 800-526-9825 and ask for
Sue.

Vy 73,

Dick/"RD"

On foreign assignment in: Washington, DC

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-ID: <007701bee9d8\$50151800\$0a00a8c0@server1.ThreeLakes.ca>
From: "Larry Kayser" <kayser@king.igs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: CW Crystals
Date: Wed, 18 Aug 1999 20:18:02 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those who might not have noticed, there was a note in QST that the new
owner of CW Crystals has passed away and that is widow has been returning
orders.

Larry

Message-ID: <008101bee9e8\$d9fbe0c0\$9ed132ce@vectra>
From: "Joe Spencer" <KK5NA@quadj.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: The Little QRPer
Date: Wed, 18 Aug 1999 21:16:29 -0500
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Gang,

I am back on the Boatanchors list again after being gone for some time. I remember that someone used to post stories about the Little QRPer and the old man on the hill and others...does anyone have any of these stories or know where I might find them.
Thanks (and it is good to be back),

73 Joe KK5NA

To run from your demon is to have him pursue you.
It is better to meet him in his world, than to face him in yours!

Visit the RACC QRP Home Page at <http://www.k5rac.org>
Visit the FISTS Web page at <http://www.FISTS.org>
Visit NORTEX QRP Home PAGE at <http://www.quadj.com/nortex.htm>

Message-ID: <001801bee9f1\$d12055e0\$f4f0490c@SandyBlaize>
From: "Sandy W5TVW" <ebjr@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: "Moving Sale" part 2....
Date: Wed, 18 Aug 1999 21:51:45 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The following for sale:

Hallicrafters SX-117 with HA-10 LF/MF tuner both very good shape, all original knobs, instruction book. Have crystals for 80/40/20/15, all 10 meter segments, plus 160 meters. \$175 firm plus packing/shipping.

The following for trade:

Morrow MB-560 mobile transmitter, missing modulation transformer. Panel is OK but case needs paint and is scruffy. All knobs and parts are there otherwise. Untested. Swap for Gonset G-77 with no power supply/modulator or Gonset "Commander" (modulator need not work). (The Morrow is a tad too wide to fit where I need it!)

73,
Sandy W5TVW

Date: Wed, 18 Aug 1999 23:30:02 -0400 (EDT)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: GN quest
Message-ID: <Pine.SUN.3.91-FP.990818232103.28782C-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This may end up to be one of those ten year searches, but I am looking for a manual for a Western Electric/U.S. Navy model GN transmitter. I will also need lots of parts I have no specs for, and six CW-38314 tubes (804 sorta things, from WE).

Actally, ANY GN info is welcome.

William Donzelli
aw288@osfn.org

Message-ID: <37BC00A3.91123DD8@groupone.net>
Date: Thu, 19 Aug 1999 06:03:31 -0700
From: "Dan 'Hank' Arney" <kn6di@groupone.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted Address of a Tom in TN?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry for the BW but Netscape ate some of my mail including names of one or two people that sent me some items.

First: a Tom in TN works for emergency communications that sent me a power cord with Amphenol plug and an extra 2 pin. Do not know if I paid him or not. I know the amount just no last name or address.

Second: Someone sent me some very nice Drake equipment for evaluation and then to determine what I will pay for it. Maybe a person named Al??

I have the goods and need to pay someone for the goodies they sent me.

TIA
Hank

Date: Thu, 19 Aug 1999 09:50:30 -0400 (EDT)
From: Nick England <nick@cs.unc.edu>
Message-Id: <199908191350.JAA21401@altair.cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: NC-46 info/value ?

I got some e-mail from someone who has inherited an NC-46. He's looking for the matching speaker and is curious about the value. Sounds like it works fine and he wants to keep it, just wants to find out more about it. Contact mleblang@webtv.net if you can help.

73 & Have Fun,
Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
<http://www.cs.unc.edu/~nick/hobbies.html> Chapel Hill NC

Date: Thu, 19 Aug 1999 10:00:09 -0400 (EDT)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: CW-38412
Message-ID: <Pine.SUN.3.91-FP.990819095711.4156C-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Scratch that last request a bit - I need CW-38412s. Still 804ish things.

It looks like some C(mumble)-38266As are needed as well - basically Navy RK21s.

William Donzelli
aw288@osfn.org

Message-Id: <3.0.6.32.19990819111217.0079b950@ncci.net>
Date: Thu, 19 Aug 1999 11:12:17 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: drbob@ncci.net
Subject: 8008 rectifier tubes
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I need a few 8008's high voltage rectifier tubes for my Gates 500 GY that I am restoring and converting to 160 meters.

Any out there?

Bob

Message-ID: <E1BAA047D462D211832D0001FA6A08491E453D@ms1001.sdge.com>
From: "Miller, David M. Jr. (CP52A)" <DMMiller@SDGE.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Zenith Trans Oceanic Portable radios
Date: Thu, 19 Aug 1999 10:11:02 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I own a Zenith Trans Oceanic portable shortwave/AM radio. This is one of those units that is about 2 feet wide, a foot high and 8 inches deep, but is distinctive because it is covered in black fabric. Mine works just fine (for right now), but since they made probably thousands of these units, I was wondering if there is some type of collectors club or newsletter out there for folks like me who own one. Does anyone know anything about this?

David M. Miller Jr.
dmmiller@sdge.com

Message-Id: <4.1.19990819114344.00ae64e0@mail.pcisys.net>
Date: Thu, 19 Aug 1999 11:46:55 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: Wanted Tektronix Manuals: 564B, 2A63, 3B3, 3T2, 3S1
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all...

I just found and bought a Tektronix 564B scope with plugins and am looking for manuals.

Tek 564B storage scope

2A63 Differential Amplifier plugin

3B3 Time Base plugin

3T2 Random Sampling Sweep plugin

3S1 Dual Trace Sampling Unit plugin

If anyone knows where I might find such things, I would greatly appreciate hearing from you.

Best Wishes,

Jack, W0YJ (Friend to all things Hammarlund)

Jack Harper
303-231-9095

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Message-ID: <003301beea7b\$e87dfb40\$5df0490c@SandyBlaize>

From: "Sandy W5TVW" <ebjr@worldnet.att.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: "Moving Sale"....Part 3

Date: Thu, 19 Aug 1999 14:48:14 -0500

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

A few more items.....

A "Newmar 13.2 volt, 32 amp. regulated power supply. These are very reliable and firm I worked for used these for many years. We never had any troubles with them compared to TrippLite and Astron. Thsi one in excellent condition. \$90 plus shipping or I'll trade it for a 13-15 volt 1 to 1.5 amp solar panel in good condition.

6" loudspeaker for Mosley CM-1 receiver. Cabinet slightly scuffed, black grille cloth has a tiny tear in it, there is remnants of some fibreglass

batting that was glued inside at one time. I don't know what these are worth,
but I do know they are *RARE*. Best offer will get it!

Several ceramic heavy duty killowatt type rotary switch decks. They have 1/4" shafts that are 2 to 4" long. Just the thing for a 1-2 kw. amplifier or antenna tuner!
The "decks" are 4" in diameter. Some have 'detent' indexing assemblies as part of the switch, some don't. (These were originally turned by a Ledex motor).

1 pole....11 position.....\$10 each.....five on hand (no indexes)

1 pole.... 9 position.....\$9 each.....two on hand (no indexes)

2 pole.... 9 position.....\$20 each....two on hand with indexes

3 pole.... 9 position.....\$30 each....one with index.

You pay shipping charges.

73,
Sandy W5TVW

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Thu, 19 Aug 1999 16:09:36 -0400 (EDT)
Subject: MYSTERY METAL COATING
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9908191609.aa00724@pcusa01.ecunet.org>

To: boatanchors@theporch.com

I've noticed a pale yellow-green coating on many plated metal parts in equipment more than about 50 years old. I see it on shafts, standoffs, pot & rotary switch housings, screws & nuts, xfmr & choke housings mostly, not on much on chassis.

It doesn't occur if the metal is covered as by a knob. It comes off if rubbed by a wood or plastic object. It's my impression that high ambient humidity may correlate with this stuff but not sure.

Any thoughts? Are we talking toxic here?

-John Sehring (Thu, Aug 19, 1999 Custer SD USA) UCC WB0EQ

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Thu, 19 Aug 1999 16:09:35 -0400 (EDT)
Subject: C.E. 200V
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9908191609.aa00709@pcusa01.ecunet.org>

To: boatanchors@theporch.com

The 6550's in the C.E. 200V are certainly nice. A bit expensive though, about \$40 a pop last time I looked.

They are ultra-linear tubes usually used in audio amps. Even without RF feedback (a la Collins S-Line) are capable of better than -30 dB of 3rd-order IMD products in class AB1 SSB service (about 67 watts grid-driven). And better than -40 dB with RF feedback. This is according to Bill Orr, W6SAI

-John Sehring (Thu, Aug 19, 1999 Custer SD USA) UCC WB0EQ

Date: Fri, 24 Sep 1999 09:30:19 -0500
From: agemi <agemi@stc.net>
Message-ID: <0396.990924@stc.net>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: MYSTERY METAL COATING
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello John,

Thursday, 19 August 99, you wrote:

Cadmium oxide, yes we are talking(very) toxic here.

Roger

<mailto:agemi@stc.net>

Content-return: allowed
Date: Thu, 19 Aug 1999 17:00:05 -0400
From: "Katz, Gene S" <gene.s.katz@lmco.com>
Subject: RE: MYSTERY METAL COATING
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <40D23851A09ED211B3430000F8081AD001177484@emss04m16.ems.lmco.com>
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

CADMIUM plating. Other remote possibility is fungus proofing, but that usually appears brownish. CADMIUM is toxic.
Gene KC6BLD

Message-ID: <37BC707E.8EF0D596@globetrotter.net>
Date: Thu, 19 Aug 1999 22:00:46 +0100
From: luc dugas <collins2@globetrotter.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 8008 rectifier tubes
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

is the upper part of that tube tennis ball shape. i may have 2 or three. luc ve2lgj 73s

drbob@nccci.net wrote:

> I need a few 8008's high voltage rectifier tubes
> for my Gates 500 GY that I am restoring and converting
> to 160 meters.
>
> Any out there?
>
> Bob

Date: Thu, 19 Aug 1999 23:49:54 -0400 (EDT)
Message-Id: <1.5.4.16.19990819234508.1e6f8fc8@pop1.sympatico.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Andre Guibert <aguibert@sympatico.ca>
Subject: Sparton 1X(Canada)

Bonsoir to All

Anybody would know anything about the Sparton 1X, 120VAC,
22in. wide, as made by S.O.C.L(Sparton of Canada Ltd)?

Its a communication receiver circa WW2, has a barrel
tuner similar to the SP600.

It seems unknown here in Eastern Canada.

Can be viewed at: [http://www.sorel-tracy.qc.ca/~dchouina/
sparton.jpg](http://www.sorel-tracy.qc.ca/~dchouina/sparton.jpg)

Andre

Andre Guibert
aguibert@sympatico.ca

Message-Id: <3.0.6.32.19990820071252.0079e470@ncci.net>
Date: Fri, 20 Aug 1999 07:12:52 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: drbob@ncci.net
Subject: SX28/matching speaker/manual
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have SX28 with matching speaker and manual.
It works, its big and heavy, and its collecting dust
in my store room!!

Interested?

73, Bob

Message-Id: <199908201306.d7KD6vs13897@jackatak.theporch.com>
From: listown@jackatak.theporch.com (List Admin/Owner Radio Mail Lists)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: The Secure Server at theporch.com
Date: Fri, 20 Aug 1999 8:06:57 -0500 (CDT)

Gang-

Just a quick note to pass on some information of relevance to several:
Phillip Porch says:
The secure server is back online :-)

So, the booth s open again... deadline has been extended (and several
new folks have been added to the list with more to follow)

Let me know how I can help

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Message-ID: <37BD5E51.AEE037D8@geo-thermal.com>

Date: Fri, 20 Aug 1999 08:55:29 -0500

From: Lenox Carruth <carruth@geo-thermal.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

CC: Old Tube Radios <boatanchors@theporch.com>

Subject: MYSTERY METAL COATING - Cadmium

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I would sure like to hear Barry comment on this. Cadmium plating has been used for years on bolts, nuts, washers, metal parts, etc. Just how dangerous can this be? The stuff must be everywhere.

I recall a story some years ago about a family that died because they used an old refrigerator shelf as a barbecue grill and the cadmium plate poisoned them. Is it dangerous only when heated? I would have thought that it was used as a protective plating because it is stable - why, then, to we get cadmium oxide?

I am afraid that the chemistry that Dr. Jesky tried to force into my brain those many years ago has all leaked out! Expert commentary would be welcome.

agemi wrote:

> Hello John,

>

> Thursday, 19 August 99, you wrote:

>

> Cadmium oxide, yes we are talking(very) toxic here.

>

> Roger

> <mailto:agemi@stc.net>

--

Lenox

Lenox Carruth Dallas, TX carruth@geo-thermal.com
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TBX accessories, GY-11, WW-II era Sextant

From: zeitler@ibm.net
Message-ID: <000b01beeb20\$6775b240\$eedd6520@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 6400vct 500mA ccs plate xmfr FS
Date: Fri, 20 Aug 1999 08:26:38 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gents,

School starts up again for me this monday. Most of my books are paid for but still have a few things I need such as a lab coat and other small items. For those of you who don't already know I am doing a midlife career change at the age of 32 and am studying for my RN at one of the local universities. Still on active duty with the Navy. I'll owe them 4 years payback after graduation which will take me to 20 years service. Been an electronics tech since I was 15 though and it is THE hobby of choice, or at least anything to do with the older style of trons. love the smell of solder melting and love how the room smells after the heaters have been on for a few hours.

Anyway sorry for the tangent.

For sale:

A mil-spec plate xmfr. Not sure what it was used for but it must have been a high output power son of a gun. Secondary is 6400vct at 500mA ccs. Dimensions are 11" deep by 9" wide by 10" tall. Weight is 105 pounds. This is the ONLY xmfr I have ever used that actually outperforms my Peter Dahl plate xmfrs. With a pair of 3-500Zs at 1500 watts out on 20 meters the plate voltage when using this xmfr in a full wave dc choke supply only dropped 250 volts from no load to full load. Primary is 120/240.

Price is \$125 plus shipping which will not be cheap.

Also have an older Henry 2K dc filter choke. Resonates with a triplet of 7500vdc caps (don't remember the values). Sold as a set because they are designed to work as a set. Sell the choke package with resonanating caps for \$75 plus shipping.. Choke should be good for 3 or 4kv continuous service at 500mA ccs. Designed for a pair of 3-500Zs.

If you want the xmfr and the choke package I will sell both for \$150 plus shipping. Shipping weight will be around 110 pounds for the xmfr after it is double boxed and the choke and caps are probably around 45 pounds or so.

My zip is 92139 in San Diego. Please include ur zip when replying so we can get the shipping costs down to within a buck or two.

73s

Lane
Ku7i
San Diego

Message-ID: <37BD79BF.F008B0C7@ix.netcom.com>
Date: Fri, 20 Aug 1999 10:52:31 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Reviving a Drake "B" Line
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm working on reviving a Drake "B" line as trading material. They didn't have much wrong electrically- rebuilt the power switch in the R4B, replaced a bad cap in the T4XB. I also cured a bad case of "diddleitis-" the result of someone with more enthusiasm then knowledge taking a diddle stick to the alignment. They both work pretty well now.

However..... ("dummmm, de dump, dump....")
these radios came from Hawaii. You know what salt air does to the already fragile copper top of these Drakes. The underside of the chassis and every other place where fine sea mist did *not* settle looks clean and shiny. But the top....ewwwwww.
Short of Star Trek's fictional, microscopic "nannites," which could crawl into each cramped space and sand it for me, there's no way to remove that patina of light rust that plagues classic Drakes.

So I'm trying an idea and would appreciate feedback from both Drake fans and our more chemically-minded folks. DURO offers a product called EXTEND (tm) that is supposed to chemically change rust into a tough, black substance you can smooth and paint over, thus preventing further damage.

The only ingredients I can find on the bottle are
Acetone, 2-butoxyethanol and dimethyl oxide
(took me tw... uh three tries to spell that right).
Sounds like stuff from the Roswell UFO to me.

Anyways, I cleaned away the dust and miscellaneous crud on the T4XB.
Then I brushed a light coat of EXTEND (tm)
over the chassis top, being careful not to get it on
the tube sockets. It dried to a streaky, blackish coating
that certainly *looks* like it's tough.
I'm planning to smooth a few spots and then paint the whole area
with copper colored enamel. I figure that should prevent
any further problems with rust.

Anyone know a reason I shouldn't do this?

TNX ES 73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Message-ID: <37BD8356.5CB64045@pcbank.net>
Date: Fri, 20 Aug 1999 12:33:26 -0400
From: "Ray A. Allen, Sr." <w2kbr@pcbank.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Cadmium
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BA Group:

A few groups from my Son, the Chemist

Allen, Kevin KD SCC wrote:

>
> On cadmium...and cadmium oxide
>
> Cadmium in pure form is a silver-white, blue tinged lustrous metal that is
> easily cut with a knife. Available in bars sheets or wire. It has a melt
> point of 321 deg C. Cadmium is slowly oxidized by moist air to form CdO
> (cadmium oxide). Th half cell potential for this oxidation of Cd to Cd(II)
> is 0.4025 V.
>
> Cadmium Oxide is a dark brown generally infusible powder material. It is
> practically insoluble in water but can be dissolved with dilute acids. It
> is used in semiconductors, manufacture of silver alloys and glass, cadmium
> electroplating, battery electrodes and ceramic glazes to name a few.
>

> Inhalation of CdO fumes produces "metal fume fever" which typically ends in
> fatal pulmonary edema. Most users do not get fumes of CdO unless used at
> very high temperatures. Dust however can cause serious health issues at
> high exposure. Also, effects are based on amount inhaled - unsafe levels
> are at 0.05 mg/m3 . This is about the same toxicity as mercury is on the
> skin. or, in another comparison about 3x as dangerous as inhaling lead
> fumes.

>

> Acute effects are irritation of the lungs. Cadmium compounds cause
> increased salivation, choking, vomiting and diarrhea. Chronic exposure
> causes damage to lungs and kidneys and discoloration of the teeth.

>

> If handling objects with cadmium oxide coating/dust - wear a dust mask and
> avoid putting your fingers in your mouth. Dont melt any objects in a
> furnace that have cadmium coatings. as to whether cadmium killed the
> refrigerator rack barbequers - who knows.

>

> Kev

>

> Kevin D. Allen
> Research Chemist
> Chemical Products Technology
> Westhollow Technical Center

es 73 Ray

Ray A. Allen, Sr., W2KBR/3,AC98-00775,FM19qc
8303 Grainfield Rd., Severn,
Anne Arundel County, MD, 21144-2331

End of BOATANCHORS Digest 2640

>From ???@??? Sat Aug 21 00:36:07 1999
Message-Id: <199908210408.d7L48HA27480@sco.theporch.com>
Date: Fri, 20 Aug 1999 23:07:55 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2641

BOATANCHORS Digest 2641

Topics covered in this issue include:

- 1) BroadcastHouse
by wpul1130 <wpul1130@ithink.net>
- 2) BroadcastHouse address
by wpul1130 <wpul1130@ithink.net>
- 3) The Towers of NAA
by Dick Dillman <ddillman@igc.apc.org>
- 4) Re: The Towers of NAA
by Jack Harper <jharper@bsi2000.com>
- 5) Re: The Towers of NAA
by Dave Jordan <wa3gin@erols.com>
- 6) Reviving Drake B/ RUST(LONG)
by "Ray A. Allen, Sr." <w2kbr@pcbank.net>
- 7) Re: The Towers of NAA
by Bob Roehrig <broehrig@admin.aurora.edu>
- 8) Some 400-cycle Transformers Relabeled?
by David Stinson <arc5@ix.netcom.com>
- 9) Re: Some 400-cycle Transformers Relabeled?
by "Chuck O'Neal" <coneal@ma.ultranet.com>
- 10) Re: The Towers of NAA
by AAFRadio@erols.com
- 11) Re: Some 400-cycle Transformers Relabeled?
by gwoods@albany.net (Gary Woods)
- 12) Re: The Towers of NAA
by Dick Dillman <ddillman@igc.apc.org>
- 13) Cadmium
by "Arden Allen" <gumbear@pacbell.net>
- 14) Nedd parts fora Hallicrafters S-9
by "Eugene Rippen" <soundval@foothill.net>
- 15) Want info on "Technical Radio, S.F." and LRR-6
by "Eugene Rippen" <soundval@foothill.net>
- 16) Want info on Silverone Precision, Series 3
by "Eugene Rippen" <soundval@foothill.net>
- 17) Re: Some 400-cycle Transformers Relabeled?
by "Arden Allen" <gumbear@pacbell.net>
- 18) Extend ... was Re: Reviving a Drake "B" Line
by "Barry L. Ornitz" <ornitz@tricon.net>
- 19) Re: Cadmium
by "Barry L. Ornitz" <ornitz@tricon.net>

Message-ID: <37BD603B.73C5FEC7@ithink.net>
Date: Fri, 20 Aug 1999 14:03:39 +0000
From: wpul1130 <wpul1130@ithink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BroadcastHouse
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all: I Have started a Broadcast group on egroups. If you
arfe interested in Selling, Trading, Old broadcast equipment, please
join us. Take carfe
Lloyd

Message-ID: <37BD624E.7F404FFA@ithink.net>
Date: Fri, 20 Aug 1999 14:12:30 +0000
From: wpul1130 <wpul1130@ithink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BroadcastHouse address
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry gang, forgot the address: broadcasthouse@egroups.com

Take care Lloyd Scott

Date: Fri, 20 Aug 1999 14:54:31 -0700 (PDT)
Message-Id: <2.2.16.19990820143941.345f72be@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: The Towers of NAA

Ah, brothers and sisters, fellow true believers, harken unto me! Remember
ye this: always look out the window!

So there I was, suffering through a droning meeting in Annapolis, MD,
feeling sorry for myself that I had *another* day of such meetings to look
forward to, when I stretched, turned to look idly out the window and saw...
the towers of NAA!

The towers that are in every one of my historic old radio books. The towers
I thought had been felled long ago. All surrounded by more towers of
riveting interest to a true radio obsessive. Needless to say I was paying
even less interest to the meeting after that.

As soon as the meeting was over I begged my colleagues to drive me over to
the site in the van. They did. Oh! Brothers and sisters, what a sight was
laid out before me in the slanting light of the setting sun! Much of the
land is now a golf course and players hit balls never seeming to notice the

magnificence above their heads.

First, a "modern" guyed very tall tower of square cross section - base insulated. Very cool. Then three towers with a classic four wire end-fed flat top between each one. Mmmm... tasty. But we pressed on to the tallest tower of them all. It was near what I believe to be the original NAA building, appeared to be of infinite height and supported an absolutely gargantuan umbrella antenna the ends of which were supported by triatics strung between three other enormous towers. There were three feed lines from this tower, each of four wires that each must have been several inches across. These terminated in a truncated tower just outside the building that was fitted with corona wheels the size of 18-wheeler tires. From there a single similar feed line went to a feed through insulator the size of a Volkswagen bus in the roof of the building. I noticed the last link in this was disconnected. The tall tower also had a base feed point consisting of a vertical insulator sticking up out of the ground that must have been 10ft. tall with a corona shield around it of appropriate size. My guess is that this was the last-used feed arrangement for the antenna.

Further out on the point of land were the three NAA towers I remember from the historic photos. There wires strung from between them too but they were too far away for me to see the exact arrangement. However there appeared to be feed lines between the umbrella antenna and the array supported by the three towers.

Of course by now my mind was completely gone. When my colleagues asked me questions all they got was a strange gargling sound in return. But they have seen me in this state before so they only shrugged and said, "It's just Dillman geeking out on radio stuff again," and played with the dog in the tall grass.

I recovered after a while and was able to make feeble explanations of what was spread out before us. Soon the light was gone and we had to return to the hotel.

What an unbelievable expedition that was.

Surely some reader will be able to tell me more:

- o Are those *really* the original NAA towers?
- o All the towers and antennas were in excellent shape. Is the site still used?
- o And finally, is it possible to get a tour of the site? Maybe even get inside the original building.

Vy 73,

Dick/"RD"

On foreign assignment in: Washington, DC

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-Id: <4.1.19990820161734.00aeca50@mail.pcisys.net>

Date: Fri, 20 Aug 1999 16:26:32 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: Jack Harper <jharper@bsi2000.com>

Subject: Re: The Towers of NAA

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 02:54 PM 8/20/99 -0700, the ever magniloquent and efflorescent Dick Dillman wrote:

>

>Ah, brothers and sisters, fellow true believers, harken unto me! Remember

>ye this: always look out the window!

>

They are also really something from the air...

In July, I had an awful trip to the East Coast -- Boston, New York City, Washington, DC, and Philadelphia in four days (gag).

However, on the descent into DC, I noticed those enormous towers out the starboard side window of my US Air 727 -- those have to be the NAA -- yep -- there's the bridge over the Bay and, yep, that has to be the Academy over there -- yep -- that's the NAA!

Really something to see... made the trip a *little* bit better...

Regards to all.

Jack, W0YJ (Friend to all things Hammarlund)

Jack Harper
303-231-9095

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Message-ID: <37BDDEBD.4E746B2E@erols.com>
Date: Fri, 20 Aug 1999 19:03:25 -0400
From: Dave Jordan <wa3gin@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: The Towers of NAA
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Last year us local hams were given a tour of the facility the specs on that antenna are amazing...all those towers make a nothing more than a short top-hat vertical resonant at 39khz. The vertical is directly coupled to the transmitter with three connects at 300ft, 600ft and 900ft. The top hat rest on top of the center tower around 1,200ft. The weight of the top hat wires is equal to the weight of a battle ship. The transmitters were capable of producing close to 1M watts but by the time the losses were subtracted out the antenna was lucky to see 600KW. The "Q" and SWR of the antenna was a concern and so this forced the Navy to go to narrow band RTTY. A dozen or so similar stations were built around the planet such that the USNAVY could reach it's sub fleet. When the station was first fired up the floor in the transmitter room was made up of iron panels about 8X4ft or larger. They all started arching and had to be welded together. The stories go on and on. It was a great tour. Never saw such large componets and prolly never will again.

I wonder if that vertical would load up on 160meters???

The Navy is trying to figure out what to do with the towers. They can't blow them up as proposed because of the lead paint on them so now the talk has it that they may rent space to PCS and Celcos and perhaps make a historical radio part out of the area. One other interesting bit of information that was passed along...during the time when the station was active there were no male children born in the surrounding area!

HAVE FUN,

dave
WA3GIN

p.s. I may have been off a bit on some of the specs but not too far off. It's a monster of a station. All for what ended up being a 9600bps broadcast station -- no receive capability.

=====

Message-ID: <37BDDF5C.BA4681A8@pcbank.net>
Date: Fri, 20 Aug 1999 19:06:04 -0400
From: "Ray A. Allen, Sr." <w2kbr@pcbank.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Reviving Drake B/ RUST(LONG)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Agin, a note from Chemist Son on Rust, and the rust killer....

> Rust is the oxidation of iron. Rust is essentially Fe₂O₃ or iron (III)
> oxide. Most metals when oxidized form a tough outer barrier of oxide film
> that protects the rest of the metal. However, presence of ions such as Cl-
> (chloride) from road salt and ocean air promotes the corrosion through the
> formation of chloro complexes of the metal. Oxides of nitrogen and sulfur
> combine with water to form acids which etch the surface and allow deeper
> oxidative corrosion. Also known as acid rain.
>
> And, in most oxidation processes there is a transfer of electrons requiring
> an anode and a cathode. Moisture or a water droplet is defined as the
> cathode where water and oxygen and electrons react to form hydroxide ions
> (OH⁻). At the anode, Iron metal reacts with the hydroxide anions to form
> iron hydroxides (Fe(OH)₂) and electrons (an oxidation). The iron hydroxide
> spontaneously converts into iron oxide from the hydroxide forming the tell
> tale orange solid.
>
> The most common method of prevention is provision of a protective layer
> against the moisture and reactive ions in the environment. The weakness of
> this method is that a scratch in the layer will expose the surface and act
> as the anode in conjunction with other exposed parts serving as the cathode.
> This can lead to corrosion of the metal under the "protective layer".
> Interestingly another method is electrically connecting the iron or steel to
> a more reactive "sacrificial" metal. Such sacrificial metals oxidize more
> rapidly and essentially are a well for electron dispensation (or reduction).
> Zinc is one such metal and is used in the galvanization process.

>
> As to the Duro product - Acetone is a solvent. can be found in any good
> hardware store. Great for dissolving super glue and other adhesive
> materials. Other wise known as fingernail polish remover. Dimethyl oxide
> is another way of saying methyl ether, another very light boiling solvent
> (similar to ethyl ether - stuff used to knock people out in the old days).
> 2-Butoxyethanol is commonly called cellosolve (another solvent) - however
> its boiling point is very high.
>
> Lets assume the ingredient list is complete. Seems reasonable the two light
> solvents are there to evaporate quickly and allow the material to set. Iron
> likes to be oxidized (that's why its in hemoglobin as an oxygen go-getter
> in the blood). This cellosolve material has the opportunity to bond to the
> iron oxides and the iron hydroxides making an iron organometallic complex -
> forming that protective layer that repels moisture. Its like removing all
> rust before one paints the surface without physically doing so. You know that
> painting a surface that has rust is futile because the rust surface is weak
> enough to allow moisture to pass even when painted. Also rust begets rust
> beacuse the electrons are already zippin around in the surface of the metal
> where the Fe₂O₃ is. The change in color to "black" is an indicator of the
> chemical reaction changing Fe in Fe₂O₃ to a complex with 2-butoxyethanol.
> It affords a stronger surface in which to repel water, etc and acts as a
> primer to the surface for painting.
>
> I have used this material before and find it actually works. One note:
> getting rust in the bottle (by dipping a paint brush continually into it)
> will promote the reaction in the bottle and make the product less effective.
>
>
> Kevin D. Allen
> Research Chemist
> Chemical Products Technology
> Westhollow Technical Center

--

Ray A. Allen, Sr., W2KBR/3,AC98-00775,FM19qc
8303 Grainfield Rd., Severn,
Anne Arundel County, MD, 21144-2331

Date: Fri, 20 Aug 1999 18:48:53 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: The Towers of NAA
Message-ID: <Pine.OSF.3.96.990820184411.5816B-100000@admin.aurora.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought that annapolis is/was the site of NSS (maybe originally NAA). The present location of NAA is in Cutler, Maine, which is a quaint (what I would call a fishing) village. The antenna farm for the VLF system is down at the seashore and the many verticals and wires strung between them with their HUGH glass insulators is most impressive. A large signboard at the entrance gate shows an aerial view of the antenna system. The "operations building" is in the village and hard to miss - surrounded by barbed wire and guards.

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222

Message-ID: <37BDF5B4.70D4A889@ix.netcom.com>
Date: Fri, 20 Aug 1999 19:41:25 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Some 400-cycle Transformers Relabeled?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A friend showed me two sealed UTC power transformers. Except for their markings, they were absolutely physically identical including their weights. One was marked for commercial use and its primary was speced "115 VAC 60 cycles." The other was marked with a military specification that read "115 VAC 400-800 cycles."

I worked with government folks a long time. The contract officers want to see their "spec" matched exactly. Is it possible that these transformers were, in reality, identical transformers, and that the military one had simply been labeled "400-800 cycles" because that's what the military contract specified? I've never seen a power transformer work over that wide range, but I haven't seen everything ;-).

73 Dave AB5S

Message-ID: <00cc01beeb72\$0cc52b80\$6222da18@coneal.ne.mediaone.net>
From: "Chuck O'Neal" <coneal@ma.ultranet.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Some 400-cycle Transformers Relabeled?
Date: Fri, 20 Aug 1999 21:11:06 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

50/60 Hz power transformers usually work rather well at higher frequencies. In fact, I have used them as modulation transformers, with a heising choke and capacitor to remove the DC current, other wise the core would saturate. The same iron is used in non hi-fi grade transformers as is used in power transformers. Much less iron is required at the higher frequencies for the same power level so that a 60 Hz transformer running at 400 Hz is REALLY running cool....

regards,
Chuck...K1KW

-----Original Message-----

From: David Stinson <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Friday, August 20, 1999 8:45 PM
Subject: Some 400-cycle Transformers Relabeled?

>A friend showed me two sealed UTC power transformers.
>Except for their markings,
>they were absolutely physically identical including their weights.
>One was marked for commercial use and its primary
>was speced "115 VAC 60 cycles."
>The other was marked with a military specification
>that read "115 VAC 400-800 cycles."
>
>I worked with government folks a long time.
>The contract officers want to see their "spec" matched exactly.
>Is it possible that these transformers were, in reality,
>identical transformers, and that the military
>one had simply been labeled "400-800 cycles" because that's
>what the military contract specified? I've never seen
>a power transformer work over that wide range,
>but I haven't seen everything ;-).
>
>73 Dave AB5S
>

From: AAFRadio@erols.com
Message-ID: <37BE0296.AB3986AB@erols.com>
Date: Fri, 20 Aug 1999 21:36:22 -0400
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: The Towers of NAA
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dick Dillman wrote:

> Surely some reader will be able to tell me more:
> o Are those *really* the original NAA towers?
> o All the towers and antennas were in excellent shape. Is the site still used?
> o And finally, is it possible to get a tour of the site? Maybe even get
> inside the original building.

Recalling (probably faultily) snippets from 30 years ago when I was the young Lt(JG) project manager for the construction of that antenna, we reused several of the original towers because they were in outstanding shape even after all those years. Looking at an aerial photograph of the array hanging in my office, the old towers are easy to tell apart from the newer ones we erected because they're of the older "Eiffel tower" design. The central tower was supported by an enormous base insulator made by Lapp, and the blasted thing cracked right after we accepted the facility for beneficial occupancy. Loud mumblings from both sides about liability and "you accepted it, you bought it," but I seem to recall Lapp giving in (or maybe the prime split the cost with him - something like \$225K or so.)

A local club (AMRAD) has photos and info on a website -
<http://www.amrad.org/projects/lf/>, along with a couple of links that might be of interest.

73,
Mike Hanz KC4TOS

From: gwoods@albany.net (Gary Woods)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Some 400-cycle Transformers Relabeled?
Date: Sun, 05 Jan 1997 02:34:32 GMT
Message-ID: <32cf1214.13915717@mail.albany.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Fri, 20 Aug 1999 21:11:06 -0400, you wrote:

>50/60 Hz power transformers usually work rather well at higher frequencies.
>In fact, I have used them as modulation transformers, with a heising choke
>and capacitor to remove the DC current, other wise the core would saturate.

I still have a homebrew keyer- translation of the original T0 keyer to
sand-state. Since it used Rat Shack RTL flatpack devices, it's pretty dang
near a boatanchor itself! Worked fine on 400 CPS power in a P2V, and works
fine off Niagara Mohawk!
(The other way 'round doesn't work worth a dang!)

And yes, I once modulated a heath DX-20 with a 15-watt hi-fi amp (when a
watt was a watt) driving a backwards filament transformer, and some sort of
surplus choke to carry the DC... the same trick most AM broadcast rigs use,
at least up to those really frightening pulse-width modulated things.

--

Gary Woods O- K2AHC Public keys at www.albany.net/~gwoods, or get 0x1D64A93D via
keyserver

gwoods@albany.net gwoods@wr gb.com

fingerprint = E2 6F 50 93 7B C7 F3 CA 1F 8B 3C C0 B0 28 68 0B

Date: Fri, 20 Aug 1999 19:21:38 -0700 (PDT)
Message-Id: <2.2.16.19990820190648.48c73742@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Re: The Towers of NAA
Cc: Old Tube Radios <boatanchors@theporch.com>

At 09:36 PM 8/20/99 -0400, AAFRadio@erols.com wrote:

>Recalling (probably faultily) snippets from 30 years ago when I was the
>young Lt(JG) project manager for the construction of that antenna, we
>reused several of the original towers because they were in outstanding
>shape even after all those years.

Okay, Mike, maybe you are the guy to provide call sign confirmation for this
installation. This is the one that's across the bay from the Naval Academy.
Some of the fellas have suggested that the actual call was NSS. What say ye?

Regards,

Dick

On foreign assignment in: Washington, DC

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-Id: <199908210236.TAA15463@mail-gw2.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Cadmium
Date: Fri, 20 Aug 1999 19:38:31 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ya wanna know about CADMIUM COMPOUNDS?

For starters, electrical contacts of certain types are made with CADMIUM OXIDE. How interesting. Hmmmmmm.....are we dealing with another urban myth???? Let's ask the experts (with apologies to Barry):

Take a look at.....

<http://ntp-server.niehs.nih.gov/htdocs/8_RoC/RAC/Cadmium&cmpds.html>

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <00b801beeb7f\$5a52c3a0\$fd0c83cc@soundval.foothill.net>
From: "Eugene Rippen" <soundval@foothill.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Nedd parts for a Hallicrafters S-9
Date: Fri, 20 Aug 1999 19:46:21 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for the speaker ring/escutcheon for the S-9.
Also the band spread window/escutcheon.

Gene

Message-ID: <00be01beeb7f\$a856fe40\$fd0c83cc@soundval.foothill.net>
From: "Eugene Rippen" <soundval@foothill.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Want info on "Technical Radio, S.F." and LRR-6
Date: Fri, 20 Aug 1999 19:48:31 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a large receiver model LRR-6 manufactured by
"TECHNICAL RADIO" San Francisco.

I would like to learn more about the manufacturer and this set.
Schematic?
Manual?

Gene

Message-ID: <00c201beeb7f\$e4be4000\$fd0c83cc@soundval.foothill.net>
From: "Eugene Rippen" <soundval@foothill.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Want info on Silverone Precision, Series 3
Date: Fri, 20 Aug 1999 19:50:13 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Silvertone (Sears Roebuck) "Precision
Series 3" Communications receiver. Large.
Probably made by National.

I would like to get any papers on it.
Need the printed dial glass, I will ask just in hopes; otherwise
I will have to make a new one (I have all the pieces).

Gene

Message-Id: <199908210258.TAA21139@mail-gw2.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Some 400-cycle Transformers Relabeled?
Date: Fri, 20 Aug 1999 19:58:07 -0700

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dave;

>I've never seen
> a power transformer work over that wide range,

Oh yeah, wide freq range transformers are common, especially in test equipment. I've read "50-1000 cycles" on mil spec trannys many times. What's the difference between wide frequency range transformers and those labeled "50-60 Hz"? Not much. I've run the plain wrap transformers at 400 cycles and found little difference. Some sing nicely too.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199908210207.WAA01694@flash.naxs.net>
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Extend ... was Re: Reviving a Drake "B" Line
Date: Fri, 20 Aug 1999 23:03:43 -0400

Dave Stinson asked about Loc-Tite Extend (Duro and Permatex versions are identical):
>DURO offers a product called EXTEND (tm) that is supposed to
>chemically change rust into a tough, black substance you can
>smooth and paint over, thus preventing further damage.

Like many rust treatments, this contains an acid which converts red rust to a black insoluble form. Most rust treatments use phosphoric acid, but Loc-Tite uses an organic acid instead.

>The only ingredients I can find on the bottle are
>Acetone, 2-butoxyethanol and dimethyl oxide
>(took me tw... uh three tries to spell that right).
>Sounds like stuff from the Roswell UFO to me.

Read a little closer, Dave. Other ingredients typically include:

Water	NO TARGET ORGAN
Vinylidene-acrylic copolymer	No Data
Barium sulfate	LUNG
2-BUTOXYETHANOL	BLOOD, CENTRAL NERVOUS SYSTEM, IRRITANT, KIDNEY
Organic acid (Proprietary)	BLOOD, CORROSIVE, IRRITANT,

Propylene glycol	KIDNEY, LIVER
SILICA, AMORPHOUS, FUMED,	IRRITANT
CRYSTALLINE-FREE	NUISANCE DUST

Use outdoors or with very good ventilation. Avoid skin contact by wearing rubber gloves. Wear safety glasses as eye contact is particularly dangerous.

Because this treatment is not rinsed off, I would tend to worry about leaving it on the copper plated finish of the Drakes. You might cause additional copper to lift.

Were they my radios, I would mechanically clean all the corrosion I could using something like Scotchbrite Pads, followed by conventional phosphoric acid treatment (most auto rust products) applied by Q-tip. After rinsing several times, only then would I consider applying paint and then after a week or more to dry.

I believe that if a radio is worth restoring, and all Drakes generally are, they are worth restoring correctly. There are no shortcuts to a good restoration.

73, Barry WA4VZQ ornitz@tricon.net

Message-Id: <199908210311.XAA09778@flash.naxs.net>
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Cadmium
Date: Sat, 21 Aug 1999 00:07:31 -0400

Ray's son did a good job explaining the metallic compound and its properties. Allow me to add just a little.

The yellow-green coating John describes is usually a mixture of cadmium oxide and sulfide. Pure oxide is brown (*) and various sulfides and mixed sulfides can be green to yellow to red (note the artists colors of Cadmium Red, Cadmium Yellow, Cadmium Green). This coating can be absorbed through the skin, ingestion, and breathing the dust. All three methods of entry are dangerous. Kevin did not mention that cadmium and all its compounds are considered carcinogens.

>> Dust however can cause serious health issues at
>> high exposure. Also, effects are based on amount inhaled - unsafe levels
>> are at 0.05 mg/m3.

The numbers I found were:

OSHA PEL 0.2 mg/m³ as cadmium
ACGIH TLV 0.01 mg/m³ as cadmium

This isn't exactly high exposure. These are the highest allowable concentrations approved for safe exposure. To give a better feel for the numbers, if you sand the cadmium plating off one side of a piece of metal two inches square with a plating thickness of one tenth mil (0.0001 inches), you will release about 15 milligrams of cadmium dust. This would be enough cadmium to fill a room approximately 30 feet square with a ten foot ceiling at the 0.05 mg/m³ level.

>> If handling objects with cadmium oxide coating/dust - wear a dust mask and
>> avoid putting your fingers in your mouth. Dont melt any objects in a
>> furnace that have cadmium coatings. as to whether cadmium killed the
>> refrigerator rack barbequers - who knows.

Work outdoors. Wash your hands frequently or even better, wear protective gloves. And yes, cadmium has killed people who used cadmium-plated racks to barbecue.

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

(*) Slightly off topic, but there really is no color brown. What we call brown light is actually a dim mixture of green and yellow. The brighter the light becomes, the more we see it as yellow and green.

End of BOATANCHORS Digest 2641
